



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Steven R. Nutt et al.                      Art Unit: Unknown  
Serial No.: 10/624,922                                      Examiner: Unknown  
Filed : July 21, 2003  
Title : COMPOSITE FOAM MADE FROM POLYMER MICROSPHERES  
         REINFORCED WITH LONG FIBERS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3). Copies of the US Patents are not being provided per the waiver posted on the USPTO website.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the

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I hereby certify under 37 CFR \$1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

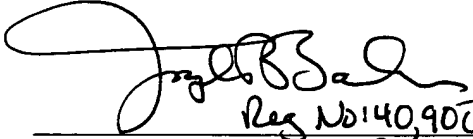
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Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

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Respectfully submitted,

Date: 10/30/03

  
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|---|--|---------------------------------------|-------------------------------|
| <b>Substitute Form PTO-1449</b><br>(Modified)<br><br><b>Information Disclosure Statement</b><br><b>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>06666-150001 | Application No.<br>10/624,922 |
|   | Applicant<br>Steven R. Nutt et al.                         |                                       |                               |
|   | Filing Date<br>July 21, 2003                               | Group Art Unit<br>Unknown             |                               |

| U.S. Patent Documents |           |                 |                  |                    |       |          |                            |
|-----------------------|-----------|-----------------|------------------|--------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee           | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | 4,163,824       | 08/07/1979       | Saidla             |       |          |                            |
|                       | AB        | 4,365,024       | 12/21/1982       | Frentzel           |       |          |                            |
|                       | AC        | 4,418,159       | 11/29/1983       | Rasshofer et al.   |       |          |                            |
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|                       | AE        | 6,013,689       | 01/11/2000       | Rader              |       |          |                            |
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|                       | AL        |                 |                  |                    |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AM        | 2001-011230     | 01/16/2001       | Japan (abstract)         |       |          |             | X  |
|   | AN        | 2000-119424     | 04/25/2000       | Japan (abstract)         |       |          |             | X  |
|   | AO        | 05-286069       | 11/02/1993       | Japan (abstract)         |       |          |             | X  |
|   | AP        | 05-318506       | 12/03/1993       | Japan (abstract)         |       |          |             | X  |
|   | AQ        | 03-086506       | 04/11/1991       | Japan (abstract)         |       |          |             | X  |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |  |
|---|-----------|--|
| Examiner Initial  | Desig. ID | Document   |
|   | AR        | Kiyotake Morimoto et al., "Adhesion Between Glass-Fiber and Matrix of Glass-Fiber Reinforced Rigid Polyurethane Foam Under Tension", 1994, <u>Polymer-Plastics Technology and Engineering</u> , 22(1), 55-76 |
|   | AS        | C. S. Karthikeyan et al., "Influence of Chopped Strand Fibres on the Flexural Behavior of a Syntactic Foam Core System", 2000, <u>Polymer International</u> 49: 158 -162                                     |

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|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |